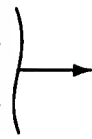


TO FIG. 1B

FIG. 1A

FROM FIG. 1A



ht1r1 461 SSTWSPVQVFNETVQWGGKNOVPSVCSSTDEFGHQRWVGEFHCCFCCVPCGCHFINKSDLYPCPCCKEFAPECSQCEPRVVFALFCHTSVAFAANNTITIEHTLGTAGFAFWHLDI 594
 rt1r1 466 SASLSPVHIDNKIKQWGGKNOVPSVQVTDCAQCHRMVAGSHCCFCCFPCFACCHFINMSELHICPCCTEEFAKESHCFCPRMFAAHEPISAMITANTITIEHLVGTACIFAWHFI 593
 ht1r2 466 ASYPLORQIKN-IQDUSHEIMVITIPSVCSKPCSCQVAFKGLVCCFCCFQDLPETINHTDEYEOACDNNEYSQSTSCKROLVHEHDAPIHVAATAACFUSHAIMIEHWRHFI 593
 rt1r2 470 ASYSPTSKRLTY-INNVSMTHPNNVPSVCSKSCOPEQVATSVGLHCCFCCFQDLPVGGHARSDEFVCLSDSGMSYKNDITFCORPITIEHEHVPILVATAACGFSNAITIEHWRHFI 597
 ht1r3 472 GFEN-GSLRTER--LKRWHFISDNOKPSRCROCEQVRRVKGHSQVDCVDDPACSTIRO-NHDDIATETECODENSPERSIRCHRRSRHAWCEPAMITIEHLSATILMTANLGHVHFRDS 596
 rt1r3 479 GFEN-GTLOLOH--SKMYLPG--NOVPSVCSROCKQVRRVKGHSQVDCVDDPACSTVYRK-HPDFFITETCKDQASPKSFIOLPRPRPEIAWCEPAMISILIEICIMGLCHFANLGHVHYMDS 601
 mGlur1 498 GTWH--EGVNDYDKQWKK--SCWVRVCSSEPELKGQIKVIRKEVSCQMLGTACKENEVQ---DEFTQACDILGMVPAEITGCEITPVRVLESDIESITATFESCLGIMHIFVTHIEHLYRDI 620

 ht1r1 595 PWRSGGRLCFMIGSTAAAGSGSLVGFHGPETPPACILIROALFAHGFHIFISCIARSFOLITIEKFSIMPTFTHAMVONFGAGIFVM-ISSAACILITOTIMVWTHIPA-RVORPHIMVTEOTE 722
 rt1r1 594 PWRSGGRLCFMIGSVAGSQSYSEFGEPTVPACILIROPIFSIGFATIESCIARSFOLITIEKFSIMPTFTHAMVONFGAGIFVM-ISSAACILITOTIMVWTHIPA-RVORPHIMVTEOTE 721
 ht1r2 594 HTVRSAGGRCFTHITILVAYMVPVVGPHVSTCICROALFPLGTHQISQIARSFOICAFKASHPRAISYVYCCPWSMA-FINLKWIAIICMTATGLSPTRITIDDDKILIVSNAP 722
 rt1r2 598 PWRSGGRCFTHITVPIILAFGMVPVVGPHVSTCICROALFPLGTHQISQIARSFOICAFKASHPRAISYVYCCPWSMA-FINLKWIAIICMTATGLSPTRITIDDDKILIVSNAP 726
 ht1r3 597 FLVDSGGIACFCVIGVCSILIEFCQSPARCINOOPLSHIPGCSITIELOAAEIVFESLPLSWADRLSGCUGPMAIIMWL-LAMIMEVLOTWIEVAPPEVV-TDWMHUPTEALVHCRT 724
 rt1r3 602 FLVDSGGISFCFELIOLIEFCISLIEFCQSPARSALACOPVAHPLIGCSITIELOAAEIVFESLPLSWANWLCSYLGGPMAIIMWL-LAMIMEVLOTWIEVAPPEVV-TDWMHUPTEALVHCRT 729
 mGlur1 621 PWRSSRRELOVILTAGLEFGVCPETILIAKEPTTISVLORLIVGISSAMQVSAIVTKNRTARTIAGSKKICITRPRRFSAMQVITASLISVOTIEAMVLIIMEPPPEI-LSSESSTK-EMVLIQNT 748

 ht1r1 723 TNSIGHTIATLNGHSISIFACSILGRLDLPENYNEAKOVIESLIEENVSMAFHTIPASMDGMIPANVAGISSLSSGFGGFIIPKGMHICRPDINSTEFOASTODVIRRCGST--- 841
 rt1r1 722 VNSVGHLEAFTHNITIESSIFHMCSEBGGELPENYNEAKOVIESLIEENVSMAFHTIPASMDGMIPANVAGISSLSSGFGGFIIPKGMHICRPDINSTEFOASTODVIRRCGST--- 840
 ht1r2 723 NYRNSIEENTSLDILASVGCSEFVWGGELPITVYNEAKHETISVIEYFTSSISLCITMSAVSVAETIMDLIVTINLTATISIGGPKCMHIFTYPENVPATVENSMTGCTMRD--- 839
 rt1r2 727 NYRNGIENFMSDILASVGCSEFVWGGELPITVYNEAKHETISVIEYFTSSISLCITMSAVSVAETIMDLIVTINLTATISIGGPKCMHIFTYPENVPATVENSMTGCTMRD--- 843
 ht1r3 725 RSWNSIGIATATATATACILGTEHRSOPGRINPARGTEFADATFHTIWSFVLLANQWMPDEPAVGGHILICVIGHIAAFHILPRLIMROPENVHPEHFGGPGDAOGONDGN-TGNCKHE 852
 rt1r3 730 RSWNSIGIMLTNVAIAFLCGLGTEHRSOPGRINPARGTEFADATFHTIWSFVLLANQWMPDEPAVGGHILICVIGHIAAFHILPRLIMROPENVHPEHFGGPGDAOGONDGN-TGNCKHE 858
 mGlur1 749 SGLQVAPVGNCEIIMTSYVYKTRNVPAFNEAYVIAETMYTQILMTAEAPLYFGSN--MKITLCTCHVSVSVVAIGCVETPRVYVITIAKPERN----- 845

FIG. 1B